

**The list of the Flash&Dash presentations, Tuesday, July 5, 2022, 15.40 - 17.00**

**Chair Outi Manninen, Boreal Plant Breeding Ltd., FI**

<b>Presentation ID number</b>	<b>Name Surnme</b>	<b>Presentation title</b>	<b>Session topic</b>	<b>Time</b>
<b>1</b>	<b>Jiawu Feng</b>	Chromosome-scale and haplotype-resolved sequence assembly of <i>Hordeum bulbosum</i> genomes	The barley genome: from reference genome to structure and function	15.40:15:45
<b>2</b>	<b>Villő Bernád</b>	Agronomic Characterization of European Heritage Collection (ExHIBiT)	Abiotic stresses under Climate Change	15:45:15:50
<b>3</b>	<b>Alina Klaus</b>	Root-zone-specific transcriptomic reprogramming of barley roots in response to water deficit	Abiotic stresses under Climate Change	15:50-15:55
<b>4</b>	<b>Kumsal Ecem Çolpan</b>	Effect of High Ambient Temperature on Plant Growth and Reproductive Development in Barley Cultivars	Abiotic stresses under Climate Change	15:55:16:00
<b>5</b>	<b>Ewa Sybilska</b>	The analysis of barley cbp20/cbp80 double mutant exposed to drought stress at the seedling stage.	Abiotic stresses under Climate Change	16:00-16:05
<b>6</b>	<b>Eyal Bdolach</b>	The plamotope as a source for phenotypic diversity under stress in barley	Barley breeding and NBTs: a way forward?	16:05-16:10
<b>7</b>	<b>Che-Wei Chang</b>	Environmental association mapping as an approach to characterize and utilize exotic barley germplasm	Genetic and database resources: harnessing diversit	16:10-16:15

<b>8</b>	<b>Laura Paire</b>	Characterisation of a diverse panel of barley varieties under Irish organic conditions to identify key traits for multi end-uses	Genetic and database resources: harnessing diversity	16.15-16.20
<b>9</b>	<b>Maximiliano Verocai</b>	Genetic architecture of phenological and yield-related traits in a barley population representative of elite breeding in South America	Morphology, phenology, and development	16:20-16.25
<b>10</b>	<b>Jorge Damian Parrado Marrades</b>	PPD-H1 alleles and reproductive output in barley	Morphology, phenology, and development	16:25-16.30
<b>11</b>	<b>Guojing Jiang</b>	Cell Non-autonomous Signaling by an ALOG (HvALOG1) Transcription Factor Specifies the Determinacy of the Barley Triple-Spikelet Meristem	Morphology, phenology, and development	16.30-16:35
<b>12</b>	<b>Muhammad Awais</b>	Genetic control of awn roughness in barley	Morphology, phenology, and development	16.35-16.40
<b>13</b>	<b>Li Guo</b>	Identification of gravity regulated genes that encode direct interaction partners of barley ENHANCED GRAVITROPISM 2	Morphology, phenology, and development	16.40-16.45
<b>14</b>	<b>Mingjiu Li</b>	Genetic dissection of chloroplast biogenesis in barley	Morphology, phenology, and development	16.45-16.50
<b>15</b>	<b>Ilyse Putz</b>	Dissection of life history traits in annual and perennial wild relatives of barley	Morphology, phenology, and development	16.50-16.55
<b>16</b>	<b>Maëva BICARD</b>	Improve genetic gain through the understanding of genotype by environment interactions in spring barley breeding programs	Morphology, phenology, and development	16.55-17.00